

**Amendments to the Specification:**

Please amend the specification as follows:

Substitute the following paragraph for the paragraph that appears from page 13, line 19 to page 14, line 2 of the specification:

Fig. 5 illustrates three different cases that arise when computing predicted query results. Case I 80 is the case of a static query 82 and a moving object 12. Using the motion function of moving object at time  $t_0$ , the query result for the interval between time  $t_0+a$  and time  $t_0+b$  can be predicted. An example of a system having moving objects and static queries is illustrated in co-pending U.S. Patent Application No. 10/ 671,932\_\_\_\_\_, filed on September 29, 2003 \_\_\_\_\_, ~~to by~~ by Chen et al., ~~en~~ and titled "Method and Structure for Monitoring Moving Objects", ~~having IBM Docket YOR920030164US1.~~ The entire disclosure of that application is incorporated herein by reference. Case II 84 involves a static object 86 and a moving query 14. The motion function of the moving query 14 can be used to predict the query result and the interval over which this result will remain valid. Case III 88 involves a moving object 12 and a moving query 14. The motion functions of both the moving object 12 and the moving query 14 are used to find out the time interval when the moving object 12 will be inside the spatial range 20 of the moving query 14.